

# Receiving Report

Date: 7-6-2  
 Supplier: Avialle

Batch No: 137699  
 Dart P/O: 36522

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☒ No ☐  
 Receipt: Cash ☐ Cr ☒  
 New Supplier Yes ☐ No ☒

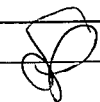
Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☒ No ☐  
 Shipment Complete: Yes ☐ No ☒ N/A ☐  
 QC18 Inspection ☐ N/A ☒  
 Work Order ☐ N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12



Production/Admin:  
 Date \_\_\_\_\_  
 Received/Costing \_\_\_\_\_  
 Initial \_\_\_\_\_

Location \_\_\_\_\_



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID PO36522

Purchase Order Date 6/1/2017

PO Print Date 6/1/2017

Page Number 1 of 5

**Order From :**

VU-AVI003

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

E-MAILED  
JUN 01 2017

**Contact Name**

**Vendor Phone**

905-676-1695

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

FedEx Overnight collect

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

EXW - (Ex Works)

m137699

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	600.0990  exp date feb 1 2018	Magnabond 6398 Part A Size 112 ml	6/8/2017 Yes 6/8/2017	FN	12.00 Each	\$30.13	\$361.56
Line Total:							\$361.56
2	600.0991  exp date feb 1 2018	Magnabond 6398 Part B Size 112 ml	6/8/2017 Yes 6/8/2017	FN	12.00 Each	\$30.13	\$361.56
Line Total:							\$361.56
3	600.1012  exp dec 31 2017	Sealant PR1425B2 (#654 sem)	6/8/2017 Yes 6/8/2017	FN	14.00 Each	\$62.00	\$868.00

PO Instructions: Fedex Acc#151793240

Note:

cc Koff

8/17/16



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID **PO36522**

Purchase Order Date 6/1/2017

PO Print Date 6/1/2017

Page Number 2 of 5

**Order From :**

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AV1003

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone**

905-676-1695

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

FedEx Overnight collect

**Ship Acct:**

**Buyer**

**Customer POID**

**Customer Tax #**

**Terms**

**Currency**

**FOB**

Chantal Lavoie

10127-2607

Net 30

USD

EXW - (Ex Works)

				<b>Line Total:</b>		<b>\$868.00</b>
4	AN3-16A	Bolt	6/8/2017 FN Yes 6/8/2017	50.00 Each	\$0.14	\$7.00
				<b>Line Total:</b>		<b>\$7.00</b>
5	AN4-17A	Bolt	6/8/2017 FN Yes 6/8/2017	50.00 Each	\$0.24	\$12.00
				<b>Line Total:</b>		<b>\$12.00</b>
6	AN4-45A	BOLT	6/8/2017 Yes 6/8/2017	50.00 Each	\$1.63	\$81.50
				<b>Line Total:</b>		<b>\$81.50</b>

**PO Instructions:** Fedex Acc#151793240

**Note:**

6/1/2017



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID **PO36522**

Purchase Order Date 6/1/2017

PO Print Date 6/1/2017

Page Number 3 of 5

Order From :  
AVIALL  
PO BOX 842275

VU-AVI003

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

DALLAS, TX 75284-2275  
USA

Contact Name  
Vendor Phone 905-676-1695

Ship To Contact  
Ship To Phone  
Ship Via:  
Ship Acct:

FedEx Overnight collect

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency USD  
FOB EXW - (Ex Works)

7 AN4C13A

BOLT

6/8/2017  
Yes  
6/8/2017

30.00  
Each

\$0.64 \$19.20

Line Total: \$19.20

8 AN5-14A

Bolt

6/8/2017 FN  
Yes  
6/8/2017

50.00  
Each

\$0.31 \$15.56

Line Total: \$15.56

9 NAS1149D0463J

Washer

6/8/2017 FN  
Yes  
6/8/2017

2,000.00  
Each

\$0.03 \$60.00

Line Total: \$60.00

PO Instructions: Fedex Acc#151793240

Note:

6/1/2017



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## PURCHASE ORDER

Purchase Order ID PO36522

Purchase Order Date 6/1/2017

PO Print Date 6/1/2017

Page Number 4 of 5

**Order From :**

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AVI003

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone**

905-676-1695

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

FedEx Overnight collect

**Ship Acct:**

**Buyer**

**Customer POID**

**Customer Tax #**

**Terms**

**Currency**

**FOB**

Chantal Lavoie

10127-2607

Net 30

USD

EXW - (Ex Works)

10	CCB-38000	Oil Drain Valve	6/22/2017	FN	4.00	\$94.42	\$377.68
			Yes		Each		
			6/22/2017				

AS PER DEG D5527 REV. A  
B162136

**Line Total:** \$377.68

11	71401-45	PROCUREMENT QUALITY CLAUSES	6/8/2017		1.00	\$0.00	\$0.00
			No				
			6/8/2017				

Procurement Quality Clauses  
A005 RIGHT OF ENTRY  
A012 CHEMICAL AND PHYSICAL TEST REPORTS  
A015 SHELF LIFE CONTROLLED MATERIAL; 60% SHELF  
LIFE REQUIRED ACCEPTABLE  
A016 PERSONNEL QUALIFICATION  
A026 CERTIFICATION OF MATERIAL CONFORMANCE  
A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT  
A033 STATEMENT OF CONFORMITY/TEST RECORDS  
FOR NAS, AN and MS FASTENERS  
A040 NOTIFICATION OF QUALITY ESCAPE  
A041 QUALITY MANAGEMENT SYSTEM  
A043 RETENTION OF QUALITY DOCUMENT

*SP 14-62*

**Line Total:** \$0.00

**PO Instructions:** Fedex Acc#151793240

**Note:**

6/1/2017



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**Purchase Order Date** 6/1/2017

**PO Print Date** 6/1/2017

**Page Number** 5 of 5

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VU-AVI003

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**Customer Tax #**

**Terms**

**Currency**

**FOB**

Chantal Lavoie

10127-2607

Net 30

USD

EXW - (Ex Works)

**PO Total:**

**\$2,164.05**

**PO Instructions:** Fedex Acc#151793240

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

**Change Nbr:**

2

**Change Date:**

6/1/2017

# SHIPPERS LETTER OF INSTRUCTION

SHIPERS REF#	DATE	OTHER MARKS AND NUMBERS		PARTIES TO TRANSACTION		
8004538733	06/01/2017			<input type="checkbox"/> Related <input checked="" type="checkbox"/> Unrelated		
SHIPPER: U.S. PRINCIPAL PARTY IN INTEREST(USPPI) AVIALL CENTRAL WAREHOUSE 2750 REGENT BLVD DFW AIRPORT 75261 TX US			SOLD TO/FOREIGN PRINCIPAL PARTY IN INTEREST(FPPI) DART AEROSPACE LTD  1270 ABERDEEN STREET HAWKESBURY K6A 1K7 ON CA			
USPPI EIN	752401836		Shipping Account Number	400010		
SHIP TO (Complete Name and address) DART AEROSPACE LTD  1270 ABERDEEN STREET HAWKESBURY K6A 1K7 ON CA			FORWARDING AGENT FEDEX FEDEX NATIONAL LTL INC  PO BOX 94515 PALATINE 60094-4515 IL			
Routed Export Transaction <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO USPPI FILLING EEI <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO AES ITN: NOEEI FTR 30.36			BIS/DDTC LICENCE No: NLRAT Hazardous Material <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Incoterms	
POINT(STATE) OF ORIGIN or FTZ NO:		US	COUNTRY OF ULTIMATE DESTINATION:		CA	
<b>Additional Handling Instructions</b>						
<input type="checkbox"/> Dangerous Goods per attached Shipper's Declaration <input type="checkbox"/> Non-Regulated						
<input type="checkbox"/> Shipment intended for Ocean Transportation. Not authorized for Air . <input type="checkbox"/> Shipment intended for Air Transportation. <input type="checkbox"/> Shipment intended for Ground Transportation. Not Authorized for Air.						
<input type="checkbox"/> Cargo Aircraft only <input type="checkbox"/> Authorized for Air and Ocean						
<b>Nature and Quantity of Goods</b>						
<b>CLASSIFICATION AND LICENSING INFORMATION</b>						
Information provided on this manifest including the first 6 digits of the HTS/Schedule B may also be used to fulfill destination country reporting requirement						
D/F/M	Schedule B/HTS	Commodity Description	Qty	Weight (Kilos)	ECCN/USML	VALUES
D - US	3214905000	Artificial CN used only for EHS materials prohibited from	0.000	0.000	EAR99	868.00
D - US	7318152000	Non Controlled Article	50.000	1.000	EAR99	7.00
D - US	7318152000	Non Controlled Article	50.000	16.000	EAR99	12.00
D - US	7318152000	Non Controlled Article	30.000	0.900	EAR99	19.20
D - US	7318152000	Non Controlled Article	50.000	2.150	EAR99	15.50
D - US	7616108000	Non Controlled Article	2,000.000	20.000	9A991.d	60.00
D - US	3214905000	Artificial CN used only for EHS materials prohibited from	8.000	3.840	EAR99	868.00
D - US	3214905000	Artificial CN used only for EHS materials prohibited from	6.000	2.880	EAR99	868.00

Cargo items tendered for air transportation are authorized and subject to inspection, aviation security controls by air carriers and, when appropriate, other government regulations. Copies of all relevant shipping documents showing the cargo#s consignee, consignor, description and other relevant data will be retained on file. All Export Shipments are authorized for inspection by Customs and Border Protection and/or Office of Export Enforcement.

SHIPMENT VALUE FOR CUSTOMS:

\$ 2,717.70

**Commerce:**

These commodities, technology, or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law is prohibited.

Regarding Routed Export Transactions: Unless otherwise specified it is specifically agreed that customer shall be the foreign principal party in interest and/or that its freight forwarder shall act as customer's agent in such capacity for purposes of the Foreign Trade Regulations or other regulatory purposes, and customer and its freight forwarder are responsible for all routed export transactions documentation, including, but not limited to, the filing of the required Electronic Export Information/Automated Export System records. At AVIALL#s request, or its freight forwarder shall provide copies of any export, shipping, or import documentation prepared by customer or its freight forwarder related to sales to customer by AVIALL.

Skids  
/Cartons

Dimensions

Gross  
Weight

Length

Width

Height

01

20.000

20.000

12.000

49.170

Certify that the statements made and all information contained herein are true and correct. I understand that civil and criminal penalties, including forfeiture and sale, may be imposed for making false or fraudulent statements herein, failing to provide the requested information or for of U.S. laws on exportation (13 U.S.C. Sec. 305; 22 U.S.C. Sec. 401, 18 U.S.C. Sec. 1001, 50 U.S.C. app. 2410)

Print Name (Duly authorized officer or employee):

Signature:

Date:

Confidential Electronic Export Information (or any successor document) wherever located, shall be exempt from public disclosure unless the determines that such exemption would be contrary to the national interest (Title 13, Chapter 9, Section 301 (g))

Carrier Signature:

Date:

Total  
Skids

1

Total  
Weight

49.170



# BOX CONTENT LIST



ODO: 310006209729

ROUTE: FDXIPA

PAGE: 1 of 2  
DATE: 06/01/2017  
TIME: 17:27:36



Handling Unit: 110000000504998748

Packed at WorkCenter: SI08

CUSTOMER PO:36522  
ORDER NUMBER:8004538733

**B I L L T O**  
CU10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

**S H I P T O**  
CU10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

**S H I P F R O M**  
1000  
AVIALL CENTRAL WAREHOUSE  
DALLAS CDC  
PO Box 619048  
DFW AIRPORT TX 75261  
USA

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	UOM
00020		5N	PR1425B2-60Z=5N SEALANT: 654 SEMKIT	14	14	EA
00030		28	AN3-16A=28 BOLT: HEX HD,ST	50	50	EA
			BATCH 7364526910 Exp Date:		50	
00040		28	AN4-17A=28 BOLT: HEX HD,ST	50	50	EA
			BATCH 7364404593 Exp Date:		50	
00060		28	AN4C13A=28 BOLT: HEX HD,SS	30	30	EA
			BATCH 7364483789 Exp Date:		30	
00070		28	AN5-14A=28 BOLT: HEX HD,ST	50	50	EA
			BATCH 7364415858 Exp Date:		50	
00080		28	MAS1149D0463J=28 WASHER: FLT,AL	2,000	2,000	EA
			BATCH 7364498714 Exp Date:		2,000	

*8017-60*

**This is not an invoice.  
For payment processing, please refer to Invoice.**

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease or use of these goods.  
Diversion contrary to U.S. Law is prohibited.

## CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd, DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL  
RETURNED MERCHANDISE SUBJECT TO HANDLING  
FEE.  
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH  
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938  
AMENDED.

CUSTOMER COPY



# BOX CONTENT LIST



ODO: 310006209729

ROUTE: FDXIPA

PAGE: 2 of 2  
DATE: 06/01/2017  
TIME: 17:27:36



Handling Unit: 110000000504998748

Packed at WorkCenter: SI08

CUSTOMER PO:36522  
ORDER NUMBER:8004538733

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CU10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

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CU10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

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AVIALL CENTRAL WAREHOUSE  
DALLAS CDC  
PO Box 619048  
DFW AIRPORT TX 75261  
USA

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	UOM			
			BATCH 7364543192	Exp Date: 01/30/2018	8				
			BATCH 7364515297	Exp Date: 12/31/2017	6				

SP7-6-2

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CUSTOMER COPY



## PACKING LIST



DELIVERY NUMBER: 8004538733

ROUTE: US FedEx International Priority

PAGE: 1 OF 2  
DATE: 01JUN17  
TIME: 17:28:59  
EMP: 00000000  
ORD TYP: ZOR 169  
CURRENCY: USD  
TERMS: Net 30

CUSTOMER PO: 36522  
ORDER NUMBER: 1003147830  
ORDER DATE: 01JUN17

B I L L T O  
10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

S H I P T O  
10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

S H I P F R O M  
1000  
AVIALL CENTRAL WAREHOUSE  
DALLAS CDC  
2750 REGENT BLVD  
DFW AIRPORT TX 75261  
USA

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00010	0	5N	PR1425B2-60Z SEALANT: 654 SEMKIT	14	14	0	EA	62.00	868.00
			BATCH 7364543192 Exp Date :30JAN18		8				
			BATCH 7364515297 Exp Date :31DEC17		6				
00020	0	28	AN3-16A BOLT: HEX HD,ST	50	50	0	EA	0.14	7.00
			BATCH 7364526910		50				
00030	0	28	AN4-17A BOLT: HEX HD,ST	50	50	0	EA	0.24	12.00
			BATCH 7364404593		50				
00040	0	28	AN4C13A BOLT: HEX HD,SS	30	30	0	EA	0.64	19.20
			BATCH 7364483789		30				
00050	0	28	AN5-14A BOLT: HEX HD,ST	50	50	0	EA	0.31	15.50
			BATCH 7364415888		50				
00060	0	28	NAS1149D0463J	2,000	2,000	0	EA	0.03	60.00

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SPT 7-6-2

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JR Hofmann, Director, Global Quality

01JUN17  
Date

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CUSTOMER COPY



## PACKING LIST



DELIVERY NUMBER: 8004538733

ROUTE: US FedEx International Priority

PAGE: 2 OF 2  
DATE: 01JUN17  
TIME: 17:28:59  
EMP: 00000000  
ORD TYP: ZOR 169  
CURRENCY: USD  
TERMS: Net 30

CUSTOMER PO: 36522  
ORDER NUMBER: 1003147830  
ORDER DATE: 01JUN17

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10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

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10003952  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

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AVIALL CENTRAL WAREHOUSE  
DALLAS CDC  
2750 REGENT BLVD  
DFW AIRPORT TX 75261  
USA

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM		CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
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WASHER: FLT,AL

BATCH 7364498714

2,000

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01JUN17  
Date

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CUSTOMER COPY



A BOEING COMPANY

AVIALL SERVICES INC  
2750 REGENT BLVD  
DFW AIRPORT TX 75261  
USA

# Commercial Invoice

Government Transaction Number

NOEEI FTR 30.36

Tracking Number

722544842244

Delivery Number

8004538733

Commercial Invoice Number

9305655637

Ship Date

01 June, 2017

Incoterms

EXW Shipping Point

Ship From LU\_US\_1000

AVIALL CENTRAL WAREHOUSE  
2750 REGENT BLVD.  
DFW AIRPORT TX 75261  
USA

Sold To	10003952	Ultimate Consignee	10003952	Ship To	10003952	Freight Forwarder	400010
DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA		DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA		DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA		FEDEX FEDEX NATIONAL LTL INC PO BOX 94515 PALATINE IL 60094-4515	
Tax Number: 20-4734803							

Comments:

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Value USD	Extended Value USD
20	PR1425B2-60Z - SEALANT: 654 SEMKIT Export Tariff: 3214905000 Export Classification: EAR99 Authorization: NLRAT_JUN_2017 Sales Order: 1003147830 PO: 36522	US	14	EA	62.00	868.00
30	AN3-16A - BOLT: HEX HD,ST Export Tariff: 7318152000 Export Classification: EAR99 Authorization: NLRAT_JUN_2017 Sales Order: 1003147830 PO: 36522 Batch Number: 7364526910	US	50	EA	0.14	7.00
40	AN4-17A - BOLT: HEX HD,ST Export Tariff: 7318152000 Export Classification: EAR99 Authorization: NLRAT_JUN_2017 Sales Order: 1003147830 PO: 36522 Batch Number: 7364404593	US	50	EA	0.24	12.00

SP17-62



A BOEING COMPANY

# Commercial Invoice

Delivery Number	Commercial Invoice Number
8004538733	9305655637

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Price USD	Extended Value USD
60	AN4C13A - BOLT: HEX HD,SS Export Tariff: 7318152000 Export Classification: EAR99 Authorization: NLRAT_JUN_2017 Sales Order: 1003147830 PO: 36522 Batch Number: 7364483789	US	30	EA	0.64	19.20
70	AN5-14A - BOLT: HEX HD,ST Export Tariff: 7318152000 Export Classification: EAR99 Authorization: NLRAT_JUN_2017 Sales Order: 1003147830 PO: 36522 Batch Number: 7364415858	US	50	EA	0.31	15.50
80	NAS1149D0463J - WASHER: FLT,AL Export Tariff: 7616108000 Export Classification: 9A991.d Authorization: NLRAT_JUN_2017 Sales Order: 1003147830 PO: 36522 Batch Number: 7364498714	US	2,000	EA	0.03	60.00

8017-602

Gross Value	981.70
Add on Charges	
Tax Value	
Freight Charges	
Total Net Value	981.70

FOR CUSTOMS PURPOSES ONLY  
NOT A BILLING INVOICE

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end user(s) here in identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

# SAFETY DATA SHEET



Date of issue/Date of revision 6 February 2017  
Version 12

## Section 1. Identification

Product name : PR 1425 B 2 Part A  
Product code : PR 1425 B 2 Part A  
Other means of identification : Not available.  
Product type : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

Product use : Industrial applications.  
Use of the substance/ mixture : Sealants  
Uses advised against : Not applicable.

Manufacturer : PPG Aerospace PRC-DeSoto  
12780 San Fernando Road  
Sylmar, CA 91342  
Phone: 818 362 6711

Emergency telephone number : (412) 434-4515 (U.S.)  
(514) 645-1320 (Canada)  
01-800-00-21-400 (Mexico)

## Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : ACUTE TOXICITY (inhalation) - Category 4  
SKIN SENSITIZATION - Category 1  
CARCINOGENICITY - Category 1A  
TOXIC TO REPRODUCTION (Unborn child) - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2  
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 36.1%

### GHS label elements

Hazard pictograms :



Signal word : Danger

## Section 2. Hazards identification

<b>Hazard statements</b>	: Harmful if inhaled. May cause an allergic skin reaction. May cause cancer. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.
<b><u>Precautionary statements</u></b>	
<b>Prevention</b>	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Contaminated work clothing must not be allowed out of the workplace.
<b>Response</b>	: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.
<b>Storage</b>	: Store locked up.
<b>Disposal</b>	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Supplemental label elements</b>	: Sanding and grinding dusts may be harmful if inhaled. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. NTP, IARC and OSHA have classified chromium (+6) compounds as carcinogenic. Emits toxic fumes when heated.
<b>Hazards not otherwise classified</b>	: None known.

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	: Mixture
<b>Product name</b>	: PR 1425 B 2 Part A

Ingredient name	%	CAS number
N,N-dimethylacetamide	≥20 - ≤31	127-19-5
calcium dichromate	≥20 - ≤50	14307-33-6
Talc, not containing asbestiform fibres	≥5.0 - ≤10	14807-96-6
magnesium carbonate	≥1.0 - ≤5.0	546-93-0
Kaolin	≥1.0 - ≤5.0	1332-58-7
carbon black, respirable powder	≤1.0	1333-86-4

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.



## Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

### Description of necessary first aid measures

- Eye contact** : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Harmful if inhaled.
- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

## Section 4. First aid measures

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon oxides  
nitrogen oxides  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

### Methods and materials for containment and cleaning up

## Section 6. Accidental release measures

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Special precautions** : Ingestion of product or cured coating may be harmful. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
N,N-dimethylacetamide	<b>ACGIH TLV (United States, 3/2016).</b>
	Absorbed through skin.
	TWA: 36 mg/m <sup>3</sup> 8 hours.
	TWA: 10 ppm 8 hours.
	<b>OSHA PEL (United States, 6/2016).</b>
	Absorbed through skin.
	TWA: 35 mg/m <sup>3</sup> 8 hours.
	TWA: 10 ppm 8 hours.
calcium dichromate	<b>OSHA PEL (United States, 6/2016).</b>
	TWA: 0.005 mg/m <sup>3</sup> , (as Cr) 8 hours. Form:
	<b>OSHA PEL (United States).</b>
	TWA: 5 mg/m <sup>3</sup> Form:
	<b>ACGIH TLV (United States, 3/2016).</b>
	TWA: 0.05 mg/m <sup>3</sup> , (measured as Cr) 8 hours.
	Form: Soluble
	<b>ACGIH TLV (United States).</b>
	: 0.05 mg/m <sup>3</sup> Form: Total dust
	<b>OSHA PEL Z2 (United States, 2/2013).</b>
	CEIL: 1 mg/10m <sup>3</sup> , ()
Talc , not containing asbestiform fibres	<b>ACGIH TLV (United States, 3/2016).</b>
	TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
magnesium carbonate	<b>OSHA PEL (United States, 6/2016).</b>
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
Kaolin	<b>ACGIH TLV (United States, 3/2016).</b>
	TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	<b>OSHA PEL (United States, 6/2016).</b>
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
carbon black, respirable powder	<b>ACGIH TLV (United States, 3/2016).</b>
	TWA: 3 mg/m <sup>3</sup> 8 hours. Form: Inhalable
	fraction
	<b>OSHA PEL (United States, 6/2016).</b>
	TWA: 3.5 mg/m <sup>3</sup> 8 hours.

#### Key to abbreviations

A = Acceptable Maximum Peak  
 ACGIH = American Conference of Governmental Industrial Hygienists.  
 C = Ceiling Limit  
 F = Fume  
 IPEL = Internal Permissible Exposure Limit  
 OSHA = Occupational Safety and Health Administration.  
 R = Respirable  
 Z = OSHA 29 CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances

S = Potential skin absorption  
 SR = Respiratory sensitization  
 SS = Skin sensitization  
 STEL = Short term Exposure limit values  
 TD = Total dust  
 TLV = Threshold Limit Value  
 TWA = Time Weighted Average

Consult local authorities for acceptable exposure limits.

## Section 8. Exposure controls/personal protection

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety glasses with side shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Gloves** : butyl rubber

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

## Section 9. Physical and chemical properties

### Appearance

Physical state	: Liquid.
Color	: Black.
Odor	: Not available.
Odor threshold	: Not available.
pH	: Not available.
Melting point	: Not available.
Boiling point	: 100 to 166.11°C (212 to 331°F)
Flash point	: Closed cup: Not applicable.
Material supports combustion.	: Yes.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not available.
Evaporation rate	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 1.35
Density ( lbs / gal )	: 11.27
Solubility	: Insoluble in the following materials: cold water.
Partition coefficient: n-octanol/water	: Not available.
Viscosity	: Kinematic (40°C (104°F)): >0.21 cm <sup>2</sup> /s (>21 cSt)
VOC	: 597.8 g/l
% Solid. (w/w)	: 100

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

## Section 10. Stability and reactivity

**Hazardous decomposition products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
N,N-dimethylacetamide	LC50 Inhalation Gas.	Rat	2475 ppm	1 hours
	LD50 Dermal	Rabbit	2240 mg/kg	-
	LD50 Oral	Rat	4300 mg/kg	-
magnesium carbonate	LD50 Oral	Rat	8000 mg/kg	-
Kaolin	LD50 Oral	Rat	>5000 mg/kg	-
carbon black, respirable powder	LD50 Dermal	Rabbit	>3 g/kg	-
	LD50 Oral	Rat	>15400 mg/kg	-

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Irritation/Corrosion

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Eyes** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Sensitization

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Mutagenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Carcinogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
Calcium dichromate	+	1	Known to be a human carcinogen.
carbon black, respirable powder	-	2B	-

**Carcinogen Classification code:**

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen

OSHA: +

Not listed/not regulated: -

#### Reproductive toxicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Teratogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

**Section 11. Toxicological information****Specific target organ toxicity (single exposure)**

Name	Category
Talc , not containing asbestiform fibres	Category 3

**Specific target organ toxicity (repeated exposure)**

Name	Category
calcium dichromate	Category 2

**Target organs** : Contains material which causes damage to the following organs: kidneys, brain, eyes.  
Contains material which may cause damage to the following organs: blood, lungs, the reproductive system, liver, cardiovascular system, upper respiratory tract, skin, central nervous system (CNS), stomach.

**Aspiration hazard**

Not available.

**Information on the likely routes of exposure****Potential acute health effects**

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : Harmful if inhaled.  
**Skin contact** : May cause an allergic skin reaction.  
**Ingestion** : No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

**Eye contact** : No specific data.  
**Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations  
**Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations  
**Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Conclusion/Summary** : There are no data available on the mixture itself. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause



## Section 11. Toxicological information

irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

### Short term exposure

Potential immediate effects : There are no data available on the mixture itself.

Potential delayed effects : There are no data available on the mixture itself.

### Long term exposure

Potential immediate effects : There are no data available on the mixture itself.

Potential delayed effects : There are no data available on the mixture itself.

### Potential chronic health effects

General : May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity : May cause cancer. Risk of cancer depends on duration and level of exposure.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : May damage the unborn child.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	9301.7 mg/kg
Dermal	2379.5 mg/kg
Inhalation (gases)	2676.9 ppm
Inhalation (vapors)	23.8 mg/l
Inhalation (dusts and mists)	3.245 mg/l

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence and degradability

Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
N,N-dimethylacetamide	-0.77	-	low

### Mobility in soil

Product code PR 1425 B 2 Part A

Date of issue 6 February 2017 Version 12

Product name PR 1425 B 2 Part A

## Section 12. Ecological information

Soil/water partition coefficient ( $K_{oc}$ ) : Not available.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

## 14. Transport information

	DOT	IMDG	IATA
UN number	Not regulated.	UN3082	UN3082
UN proper shipping name	-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (calcium dichromate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (calcium dichromate)
Transport hazard class(es)	-	9	9
Packing group	-	III	III
Environmental hazards	No.	Yes.	Yes.
Marine pollutant substances	Not applicable.	(calcium dichromate)	Not applicable.

### Additional information

**DOT** : None identified.

**IMDG** : This product is not regulated as a dangerous good when transported in sizes of  $\leq 5$  L or  $\leq 5$  kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

**IATA** : This product is not regulated as a dangerous good when transported in sizes of  $\leq 5$  L or  $\leq 5$  kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

Product code PR 1425 B 2 Part A

Date of issue 6 February 2017 Version 12

Product name PR 1425 B 2 Part A

## 14. Transport information

**Special precautions for user** : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory information

### United States

**United States inventory (TSCA 8b)** : All components are listed or exempted.

**United States - TSCA 12(b) - Chemical export notification:**

Calcium dichromate

Annual notification

### SARA 302/304

**SARA 304 RQ** : Not applicable.

### Composition/information on ingredients

No products were found.

### SARA 311/312

**Classification** : Immediate (acute) health hazard  
Delayed (chronic) health hazard

### Composition/information on ingredients

Name	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
N,N-dimethylacetamide	Yes.	No.	No.	Yes.	Yes.
calcium dichromate	No.	No.	No.	Yes.	Yes.
Talc, not containing asbestiform fibres	No.	No.	No.	Yes.	No.
carbon black, respirable powder	Yes.	No.	No.	No.	Yes.

### SARA 313

	<b>Chemical name</b>	<b>CAS number</b>	<b>Concentration</b>
<b>Supplier notification</b>	: Calcium dichromate	14307-33-6	10 - 30

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

**Health** : 3 \* **Flammability** : 0 **Physical hazards** : 0

(\*) - Chronic effects

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

Product code PR 1425 B 2 Part A

Date of issue 6 February 2017 Version 12

Product name PR 1425 B 2 Part A

## Section 16. Other information

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)

Health : 3 Flammability : 0 Instability : 0

Date of previous issue : 11/16/2016

Organization that prepared the MSDS : EHS

Key to abbreviations : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973  
as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations

▣ Indicates information that has changed from previously issued version.

### Disclaimer

*The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.*

# SAFETY DATA SHEET



Date of issue/Date of revision 13 December 2016  
Version 7.02

## Section 1. Identification

Product name : PR 1425 B 2 Part B  
Product code : PR 1425 B 2 Part B  
Other means of identification : Not available.  
Product type : Solid.

### Relevant identified uses of the substance or mixture and uses advised against

Product use : Industrial applications.  
Use of the substance/ mixture : Sealants  
Uses advised against : Not applicable.

Manufacturer : PPG Aerospace PRC-DeSoto  
12780 San Fernando Road  
Sylmar, CA 91342  
Phone: 818 362 6711  
Emergency telephone number : (412) 434-4515 (U.S.)  
(514) 645-1320 (Canada)  
01-800-00-21-400 (Mexico)

## Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
Classification of the substance or mixture : SKIN SENSITIZATION - Category 1  
CARCINOGENICITY - Category 2  
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 11.7%

### GHS label elements

Hazard pictograms :



Signal word : Warning  
Hazard statements : May cause an allergic skin reaction.  
Suspected of causing cancer.

Product code PR 1425 B 2 Part B

Date of issue 13 December 2016 Version 7.02

Product name PR 1425 B 2 Part B

## Section 2. Hazards identification

### Precautionary statements

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Avoid breathing dust. Contaminated work clothing must not be allowed out of the workplace.
- Response** : IF exposed or concerned: Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : This product either contains formaldehyde or is capable of releasing formaldehyde above 0.5 ppm under certain conditions. Formaldehyde is a known cancer hazard, a skin sensitizer and a respiratory sensitizer. Emits toxic fumes when heated.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Product name** : PR 1425 B 2 Part B

Ingredient name	%	CAS number
calcium carbonate	≥5.0 - ≤10	471-34-1
carbon black, respirable powder	≥5.0 - ≤10	1333-86-4
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane]	≥1.0 - ≤5.0	25036-25-3
Terphenyl, hydrogenated	≥1.0 - ≤5.0	61788-32-7

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

### Description of necessary first aid measures

- Eye contact** : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

## Section 4. First aid measures

- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

- Hazardous thermal decomposition products** : ☒ Decomposition products may include the following materials:  
carbon oxides  
halogenated compounds  
metal oxide/oxides  
Formaldehyde.

## Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.



## Section 7. Handling and storage

**Special precautions** : If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
calcium carbonate	<b>ACGIH TLV (United States).</b> TWA: 3 mg/m <sup>3</sup> Form: Respirable TWA: 10 mg/m <sup>3</sup> Form: Total dust <b>OSHA PEL (United States).</b> TWA: 5 mg/m <sup>3</sup> Form: Respirable TWA: 15 mg/m <sup>3</sup>
carbon black, respirable powder	<b>OSHA PEL (United States, 2/2013).</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust <b>ACGIH TLV (United States, 3/2015).</b> TWA: 3 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction <b>OSHA PEL (United States, 2/2013).</b> TWA: 3.5 mg/m <sup>3</sup> 8 hours. None.
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane] Terphenyl, hydrogenated	<b>ACGIH TLV (United States, 3/2015).</b> TWA: 4.9 mg/m <sup>3</sup> 8 hours. TWA: 0.5 ppm 8 hours.

#### Key to abbreviations

A = Acceptable Maximum Peak  
 ACGIH = American Conference of Governmental Industrial Hygienists.  
 C = Ceiling Limit  
 F = Fume  
 IPEL = Internal Permissible Exposure Limit  
 OSHA = Occupational Safety and Health Administration.  
 R = Respirable  
 Z = OSHA 29 CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances

S = Potential skin absorption  
 SR = Respiratory sensitization  
 SS = Skin sensitization  
 STEL = Short term Exposure limit values  
 TD = Total dust  
 TLV = Threshold Limit Value  
 TWA = Time Weighted Average

## Section 8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety glasses with side shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Gloves** : butyl rubber
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

## Section 9. Physical and chemical properties

### Appearance

Physical state	: Solid.
Color	: Black.
Odor	: Not available.
Odor threshold	: Not available.
pH	: Not available.
Melting point	: Not available.
Boiling point	: Not available.
Flash point	: Closed cup: 93.33°C (200°F)
Material supports combustion.	: Yes.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not available.
Evaporation rate	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 1.34
Density ( lbs / gal )	: 11.18
Solubility	: Insoluble in the following materials: cold water.
Partition coefficient: n-octanol/water	: Not available.
Viscosity	: Kinematic (40°C (104°F)): Not applicable.
VOC	: 40 g/l

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

Product code PR 1425 B 2 Part B

Date of issue 13 December 2016 Version 7.02

Product name PR 1425 B 2 Part B

## Section 10. Stability and reactivity

**Hazardous decomposition products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
calcium carbonate	LD50 Oral	Rat	6450 mg/kg	-
carbon black, respirable powder	LD50 Dermal	Rabbit	>3 g/kg	-
Terphenyl, hydrogenated	LD50 Oral	Rat	>15400 mg/kg	-
	LD50 Oral	Rat	17500 mg/kg	-

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Irritation/Corrosion

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Eyes** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Sensitization

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Mutagenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Carcinogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
carbon black, respirable powder	-	2B	-

**Carcinogen Classification code:**

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen

OSHA: +

Not listed/not regulated: -

#### Reproductive toxicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Teratogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

## Section 11. Toxicological information

Not available.

**Target organs** : Contains material which may cause damage to the following organs: kidneys, lungs, liver, spleen, lymphatic system, upper respiratory tract, skin, eyes, bone marrow.

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : May cause an allergic skin reaction.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

**Conclusion/Summary** : There are no data available on the mixture itself. This product either contains formaldehyde or is capable of releasing formaldehyde above 0.5 ppm under certain conditions. Formaldehyde is a known cancer hazard, a skin sensitizer and a respiratory sensitizer. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

#### Short term exposure

**Potential immediate effects** : There are no data available on the mixture itself.  
**Potential delayed effects** : There are no data available on the mixture itself.

#### Long term exposure

**Potential immediate effects** : There are no data available on the mixture itself.  
**Potential delayed effects** : There are no data available on the mixture itself.

#### Potential chronic health effects

**General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.  
**Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.



**AERO-GLEN**  
INTERNATIONAL LLC  
COMMITMENT | EXECUTION | RESULTS

1160 MUSTANG DR. SUITE 300  
DFW AIRPORT, TX 75261  
TEL: (817) 328-6600 FAX (972) 456-1015  
WWW.AEROGLEN.COM  
CAGE CODE 9V172  
ISO9001 / AS9100 / AS9120 REGISTERED  
PRI CERTIFICATION: 14-2127, 14-2128R

## CERTIFICATE OF CONFORMANCE

Print Date : Apr-11-2017 1:32 PM

Printed By : NROA Print No. : 3

<b>No. : 099573</b>		<b>Pg:1/1</b>
<b>Sold To : Account No. [AVIALL-DALLA]</b>		<b>Shipped To :</b>
AVIALL Attn: Email invoice to apinvoices@aviall.com, ACCOUNTS PAYABLE 2700 Regent Blvd DFW Airport, TX 75261 UNITED STATES Tel. : 972-586-1426		AVIALL CENTRAL WAREHOUSE RECEIVING DEPT. 2750 REGENT BOULEVARD DFW Airport, TX 75261 UNITED STATES Tel. : 972-586-1994

Line	P/N & Description	Cnd	Qty Ordered	Shipped	Unit Sell Price	Amount
1	AN3-16A  Country Of Origin: J.S.A. Pick Ticket / Packing Slip No. : 099573 Rev: 3 Note: BOLT: HEX HD,ST PG:50 PER LOT #: 89051 REV: 3 MFG: MAC FASTENERS CAGE CODE: 0RFT4 MATL TYPE: 8740	ND1	3,000.00EA	3,000.00 (Qty. Back 0.00)		

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TYSON KAY, V.P.

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ORIGINAL (COPY.)

# Packing Slip Report

3/28/2017 8:08:16 AM

**MAC FASTENERS**

From: From Warehouse: MAIN Page: 1  
Packing Slip: 3085

Bill To: 44

Ship To: (0)

Aero-Glen International, LLC

Aero-Glen International, LLC

Order Contact:

Pack Date	Order #	Invoice #	Ship Via	Weight	Count
3/28/2017	S000059482	034961	Fedex Freight	0.00	14
Line/Release	Item	Lot #	UM	Qty Ordered	Qty To Pack
3	AN3-16A	89051	EA	25,000.000	25,000.000
	Bolt, machine-- Aircraft				

MAC

Mac Fasteners

Page 1 of 1

cjoy

**MAC FASTENERS, INC.**  
**1110 ENTERPRISE**  
**OTTAWA, KANSAS 66067**

**CERTIFICATE OF CONFORMANCE  
AND  
MANUFACTURER'S AFFIDAVIT**

CUSTOMER AERO-GLEN INTL.

PO: 034961

PART NUMBER: AN3-16A

REV: 3

LOT NUMBER: 89051

MANUFACTURED QUANTITY: 34,000

MILL HEAT NUMBER: 8290961

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

**MERCURY FREE CERTIFICATION**

MacFasteners certifies that the parts referenced in the above lot number  
do not contain Mercury or Mercury compounds, and were  
manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC  
FASTENERS within the United States, and were processed in accordance with all applicable drawings and  
specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4  
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 03/28/17

  
QUALITY ASSURANCE REPRESENTATIVE



CUST PO NO 45537773 SO NO 539243  
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP POST FALLS, ID 83854

CUST PO NO 45537773 SO NO 539243  
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP POST FALLS, ID 83854

CUST PO NO 45537773 SO NO 539243  
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP POST FALLS, ID 83854

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261

CUSTOMER BILL TO ADDRESS

AVIALL SERVICES, INC.  
 ATTN. AP DEPT.  
 P.O. BOX 619048  
 DALLAS TX 752619048

COMPLETE CUSTOMER PO NO.

45537773

BILL TO NO.

SHIP TO NO.

PAGE

ASI007

BUYER NAME & PHONE NO.

LANA

PACKING SLIP

INSPECT IMMEDIATELY

LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
1		4500	4500	83947/77036	45537773	ASI007	BOLT 6x49-52=37
2		1					
3		1					
4							
5							
6							
7							
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ITEM AN4-17A=28



BATCH 7364404593



MDO  
 11/09/16

CERTIFICATION OF CONFORMANCE  
 WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE WITH AN-MS-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.

DATE NOV 02 2016

QUALITY CONTROL MANAGER

*Samuel R. Johnson*

CAGE CODE 31222

TOTAL WT NO CTNS  
 P = PARTIAL  
 C = COMPLETE  
 CC = CONSIDER COMPLETE  
 CX = CANCEL

DATE SHIPPED SHIPPED VIA

SIGNATURE - MERCHANDISE RECEIVED

X

# Certification

ANILLO INDUSTRIES, INC.  
2090 North Glassell st.  
Orange, CA. 92865-3391  
(714) 637-9110

*This is to certify that the below listed parts were processed per the applicable specification listed below.  
Test reports and procedures governing this process are on file and subject to examination.*

## CHEMICAL FILM MIL-DTL-5541

Type	Class	Thickness	Revision
I	3		F

Job Number: Y9843

P/N REV.: 6

Quantity: 506,000

Visual: Y

Part Number: NAS1149 D 0463 J

Adhesion: N

Description:

Date: 10/07/15

Authorized by: MARIBEL CUEVAS

Stamp:



FORM # 4.09.117 REV A 05/19/09

Drawing File Name: 23309

# CERTIFIED INSPECTION REPORT

I hereby certify that the material covered by this certificate has been inspected and found to conform to the requirements of the specification and that the material is suitable for the use intended. This inspection was performed in accordance with the requirements of the specification and the material is suitable for the use intended. The inspection was performed in accordance with the requirements of the specification and the material is suitable for the use intended. The inspection was performed in accordance with the requirements of the specification and the material is suitable for the use intended.

*Paul L. Leland*

Paul L. Leland

Inspector of Manufacturing Operations

Ship To: THE BOEING COMPANY  
THE AEROSPACE DIVISION  
12821 CARMENITA ROAD  
UNIT F  
SANTA FE SPRINGS 90670 CA

Num	Package Ticket	Lot	Weight	Quantity	DOM	Inspector Clock Number
1	438214	502538	7206	1	PC	27770 47351

Notes for CQR: 0108580.12  
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/5 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/5P, AMENDMENT 2.  
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/5P, AMENDMENT 2 ALSO MEETS THE REQUIREMENTS OF AM 9-QQ-A-250/5.

CQR: 0108580.12 -Specification Limits

Temp	Dir	Long Transv.	Max	Min	UTS	TYS	ELAD
					KSI	KSI	PCT
					61.0	40.0	15

Chemical Composition	Max	Min	SI	FE	CU	MG	CR	ZN	TI	Other	Total Aluminum
			0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	
Alloy 2024					1.8 <td>0.30</td> <td>1.2</td> <td></td> <td></td> <td></td> <td></td>	0.30	1.2				
Chemical Composition	Max	Min	CU	MG	V	ZN	TI	FS-81	Other	Each Aluminum	
			0.10	0.05	0.05	0.05	0.10	0.03	0.70		0.03
LINER											
Alloy 1230											99.30

Alcoa Inc. DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.  
Ship Date: 1417220  
B.L. No. Invoice No. Alcoa No. Item  
2012-08-14 727728 00000 100035821-1 DP-55821-1  
P.O. No./Good Contract No. Customer Alcoa Item  
TYPING L&S: 01 BOEING-TWK 00100353907  
P.N. 833839 HHA 7.17.15

1417220

2012-08-14

727728

00000

100035821-1

DP-55821-1

Alcoa Item

BOEING-TWK 00100353907

P.N. 833839 HHA 7.17.15

1417220

2012-08-14

727728

00000

100035821-1

DP-55821-1

Alcoa Item

BOEING-TWK 00100353907

P.N. 833839 HHA 7.17.15

1417220

2012-08-14

727728

00000

100035821-1

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Alcoa Item

BOEING-TWK 00100353907

P.N. 833839 HHA 7.17.15

1417220

2012-08-14

727728

00000

100035821-1

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Alcoa Item

BOEING-TWK 00100353907

P.N. 833839 HHA 7.17.15

1417220

2012-08-14

727728

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100035821-1

DP-55821-1

Alcoa Item

BOEING-TWK 00100353907

P.N. 833839 HHA 7.17.15

1417220

2012-08-14

727728

00000

100035821-1

DP-55821-1

Alcoa Item

BOEING-TWK 00100353907

P.N. 833839 HHA 7.17.15

1417220

2012-08-14

727728

00000

100035821-1

DP-55821-1

Alcoa Item

BOEING-TWK 00100353907

P.N. 833839 HHA 7.17.15

1417220

2012-08-14

727728

00000

100035821-1

DP-55821-1

These test reports apply to:  
Part number: VAS1149D 6463J  
Lot number: 49843  
Sign/date: MAX 2015  
SEP 14 2015

Anillo

Drawing File Name: 23309

Page 1 of 1

# CERTIFIED INSPECTION REPORT

The undersigned hereby certifies that the material covered by this inspection has been inspected with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description and that complete inspection of the material has been made and that the inspection was performed in accordance with the terms of this report. This test report shall not be reproduced except as it appears in the original report of the Quality Department. No alteration, addition or other change is authorized to be made in this report. The accuracy of facts, figures, or statements or statements or actions on this certificate by any recipient may be perished as a liability under applicable law.

*Red. Under*

Inspector of Inspection Department Works

*Red. Under*

Inspector of Inspection Department Works

Page 2 of 2

COR: 0108560.12 - Specification Limits (cont.)

Lot: 502538 - Mechanical, Physical, Metallurgy, Quantometer Results

Temp	Dir	Long Transv.	Test	Mo--	UTS	TVS	ELAD
T3			2		63.8	43.7	20.3
					63.7	43.9	18.4

Cast Number - 085 51 PE CU W3 MG CR ZN TI  
R968921 Actuals 0.05 0.14 4.6 0.45 1.5 0.00 0.07 0.03

This material was melted in the United States or a Qualifying Country (NEW DRAMS 235.872.1(a)); it was manufactured in the United States

**Alcoa Inc.** DAVENPORT WORKS 4978 State Street Bettendorf, IA 52722  
Ship From: RIVERDALE, IA.  
1417220 Ship Date 2012-08-14  
P.O. No./Cont Contract No. TV9104 Lot#: 01  
B.L. No. 7277328  
Invoice No. 09000  
Alcoa No. Item 1000355821-1  
Customer Alcoa Item DP-55821-1  
BOEING-TMX 0041003529807



These test reports apply to:  
Part number: V98413  
Lot number: ALX 2000  
Sign/date: SEP 14 2015

Anillo  
These test reports apply to:  
Part number:  
Lot number:  
Sign/date:

Product code PR 1425 B 2 Part B

Date of issue 13 December 2016 Version 7.02

Product name PR 1425 B 2 Part B

## Section 11. Toxicological information

Not available.

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

## 14. Transport information

	DOT	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-
Transport hazard class (es)	-	-	-
Packing group	-	-	-

United States

Page: 10/12

Product code PR 1425 B 2 Part B

Date of issue 13 December 2016 Version 7.02

Product name PR 1425 B 2 Part B

## 14. Transport information

Environmental hazards	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.

### Additional information

DOT : None identified.

IMDG : None identified.

IATA : None identified.

**Special precautions for user :** Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory information

### United States

United States inventory (TSCA 8b) : All components are listed or exempted.

#### SARA 302/304

SARA 304 RQ : Not applicable.

#### Composition/information on ingredients

No products were found.

#### SARA 311/312

Classification : Immediate (acute) health hazard  
Delayed (chronic) health hazard

#### Composition/information on ingredients

Name	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
carbon black, respirable powder Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2,2'-[[1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane]	Yes. Yes.	No. No.	No. No.	No. Yes.	Yes. No.

### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer.

Product code PR 1425 B 2 Part B

Date of issue 13 December 2016 Version 7.02

Product name PR 1425 B 2 Part B

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health : 2 \* Flammability : 1 Physical hazards : 0

(\*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

### National Fire Protection Association (U.S.A.)

Health : 2 Flammability : 1 Instability : 0

Date of previous issue : 11/16/2016

Organization that prepared the MSDS : EHS

Key to abbreviations : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973  
as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations

✓ Indicates information that has changed from previously issued version.

### Disclaimer

*The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.*

# Certificate of Conformance

Page: 1 of 1

PRC-DeSoto International, Inc.  
A PPG Industries Company

## Pick Ticket

PRC DESOTO INTL-ASC DALLAS  
2750 114th Street, Suite 400  
Grand Prairie, TX 75050  
UNITED STATES  
Phone: 817-640-1067  
Fax: 817-640-1058

Order Date: 01/06/17  
Cust. No.: DA090713  
Terms: net30  
Cust. P.O.: 45573135

Pack List #: S1312140

03/28/17  
08:33:09



CSR: DA503 Transaction Type:  
Shipment Terms:

Site: 3723US

DS-PO#:

Remarks: SPEC-AVIALL/ROJEAN 972-586-1314 knl

Shipvia: SEE BELOW

Sold To: DA090713  
AVIALL SERVICES, INC.  
P.O. BOX 619048  
DALLAS, TX 75261-9048  
UNITED STATES

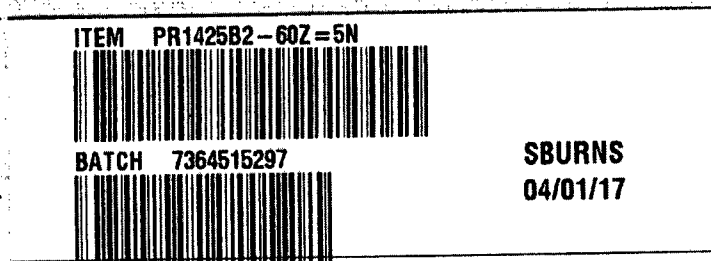
Ship To 00030970

AVIALL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
ATTN: RECEIVING DOCK 15-18  
DFW AIRPORT, TX 75261  
UNITED STATES

Line	Qty Ordered	UM	Description	Req Date	Due Date	Promise Date	Qty to Ship	Qty Picked
			NEVER ADD FRT TO INVOICE, MUST SHIP COLLECT FEDEX GROUND COLLECT ACCT #123985630 IF 150 LBS OR MORE FEDEX FREIGHT COLLECT (ACCT# 532626056) DO NOT SHIP PARTIAL LINES! *** MSDS REQUIRED WITH EACH SHIPMENT *** MUST HAVE 75% SHELF LIFE. EDGE PROTECTORS REQUIRED PRICE IS SUBJECT TO CHANGE					
1	432	EA	1425B002CA654SKAV PRC STANDARD PR 1425 B 2 654SK SPEC: PRC STD 13 REV NOT CONTROLLED Customer Item: PR1425B2-60Z=5N Lot No: 1034243-03 *Location: RACK 14 Expires After: 12/17 In compliance with the chemical registration laws of UNITED STATES	04/03/17	04/03/17	04/03/17		

DOM OR DOP: 03.17  
EXP DATE: 12.17  
SHELF LIFE: 9 MONTHS

432 432  
020602  
18.24



SBURNS  
04/01/17

Shipped by [Signature] Date 3/29/17

PPG Aerospace/PRC DeSoto International certifies that the above material has been manufactured, tested and conforms to all requirements in accordance with applicable specifications. All test data pertaining to batch acceptance requirements defined by the specification for this material is on file and available for inspection on request. For Non-US PPG Customers, we can only offer Technical Data/Test Reports for any FTAR restricted specifications with valid US export authorization.

*[Signature]*

SH6 Quality

UC29



# Certificate of Conformance

Page: 1 of 1

PRC-DeSoto International, Inc.  
A PPG Industries Company

## Pick Ticket

04/28/17  
06:54:27

PRC DESOTO INTL-ASC DALLAS  
2750 114th Street, Suite 400  
Grand Prairie, TX 75050  
UNITED STATES  
Phone: 817-640-1067  
Fax: 817-640-1058

Order Date: 01/18/17  
Cust. No.: da090713  
Terms: net30  
Cust. P.O.: 45584695

Pack List #: S1316797



Site: 3723US

CSR: DA503

Transaction Type:  
Shipment Terms:

DS-PO#:

Shipvia: SEE BELOW

Ship To 00030970

Remarks: SPEC-AVIAL/ROJEAN 972-586-1314 knl

Sold To: da090713

AVIAL SERVICES, INC.  
P.O. BOX 619048  
DALLAS, TX 75261-9048  
UNITED STATES

AVIAL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
ATTN: RECEIVING DOCK 15-18  
DFW AIRPORT, TX 75261  
UNITED STATES

Line	Qty Ordered	UM	Description	Req Date	Due Date	Promise Date	Qty to Ship	Qty Picked
------	-------------	----	-------------	----------	----------	--------------	-------------	------------

NEVER ADD FRT TO INVOICE, MUST SHIP COLLECT  
FEDEX GROUND COLLECT ACCT #123985630  
IF 150 LBS OR MORE FEDEX FREIGHT COLLECT (ACCT# 532626056)  
DO NOT SHIP PARTIAL LINES! \*\*\* MSDS REQUIRED WITH EACH SHIPMENT \*\*\*  
MUST HAVE 75% SHELF LIFE.  
EDGE PROTECTORS REQUIRED  
PRICE IS SUBJECT TO CHANGE

1	552	EA	1425B002CA654SKAV	05/01/17	05/01/17	05/01/17		
---	-----	----	-------------------	----------	----------	----------	--	--

PRC STANDARD  
PR 1425 B 2 654SK  
SPEC: PRC STD 13 REV NOT CONTROLLED  
Customer Item: PR1425B2-60Z=5N

DOM OR DOP: 04-14  
EXP DATE: 01-18  
SHELF LIFE: 9 MONTHS

Lot No: 945733-04  
\*Location: RACK 25  
Expires After: 1/18  
In compliance with the chemical registration laws of UNITED STATES

552 552  
026325

23.24


ITEM PR1425B2-60Z=5N




BATCH 7364543192



KMAYFIELD  
05/04/17


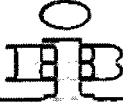
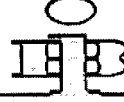

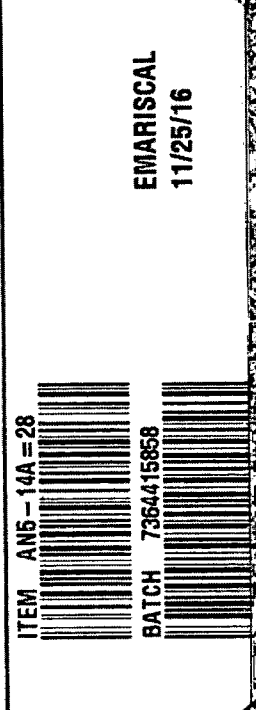
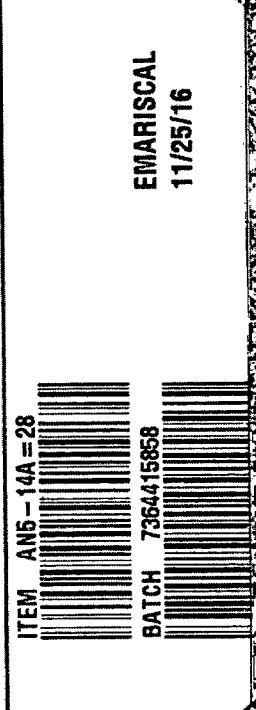

Shipped by  Date 4/28/17

PPG Aerospace/PRC DeSoto International certifies that the above material has been manufactured, tested and conforms to all requirements in accordance with applicable specifications. All test data pertaining to batch acceptance requirements defined by the specification for this material is on file and available for inspection on request. For Non-US PPG Customers, we can only offer Technical Data/Test Reports for any ITAR restricted specifications with valid US export authorization.



SH6 Quality

QC29

		CUST PO NO 45546089		SO NO 539944				CUST PO NO 45546089		SO NO 539944				CUST PO NO 45546089		SO NO 539944	
		FROM: BILD INDUSTRIES, INC.		800 CLEARWATER LOOP POST FALLS, ID 83854				FROM: BILD INDUSTRIES, INC.		800 CLEARWATER LOOP POST FALLS, ID 83854				FROM: BILD INDUSTRIES, INC.		800 CLEARWATER LOOP POST FALLS, ID 83854	
SHIP TO		AVIALL SERVICES, INC. AVIALL CENTRAL WAREHOUSE 2750 REGENT BOULEVARD DFW AIRPORT TX 75261				SHIP TO		AVIALL SERVICES, INC. AVIALL CENTRAL WAREHOUSE 2750 REGENT BOULEVARD DFW AIRPORT TX 75261				SHIP TO		AVIALL SERVICES, INC. AVIALL CENTRAL WAREHOUSE 2750 REGENT BOULEVARD DFW AIRPORT TX 75261			
CUSTOMER BILL TO ADDRESS				COMPLETE CUSTOMER PO NO.		BILL TO NO.		SHIP TO NO.		PAGE							
AVIALL SERVICES, INC. ATTN. AP DEPT. P.O. BOX 619048 DALLAS TX 752619048				45546089				ASI007									
				BUYER NAME & PHONE NO.		LANA											
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION										
1		2000	2000	LOT 90234/86192 ANS-14A	45546089	ASI007	BOLT										
2		1	1	S/C MANUFACTURE CERT	45546089	ASI007	CERTIFICATION										
3		1	1	USA COUNTRY OF ORIGIN	45546089	ASI007											
CERTIFICATION OF CONFORMANCE				DATE		QUALITY CONTROL MANAGER											
WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE WITH AN-MS-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.				NOV 15 2016													
CAGE CODE 31222																	
TOTAL WT		NO CTNS		P = PARTIAL C = COMPLETE CC = CONSIDER COMPLETE CX = CANCEL		DATE SHIPPED		SHIPPED VIA		SIGNATURE - MERCHANDISE RECEIVED							
										X							

—

**MAC FASTENERS, INC.**  
**1110 ENTERPRISE**  
**OTTAWA, KANSAS 66067**

**CERTIFICATE OF CONFORMANCE  
AND  
MANUFACTURER'S AFFIDAVIT**

CUSTOMER BILD INDUSTRIES

PO: 90234

PART NUMBER: AN5-14A

REV: 3

LOT NUMBER: 86192

MANUFACTURED QUANTITY: 34,000

MILL HEAT NUMBER: 8199736

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

**MERCURY FREE CERTIFICATION**

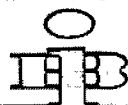
MacFasteners certifies that the parts referenced in the above lot number  
do not contain Mercury or Mercury compounds, and were  
manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC  
FASTENERS within the United States, and were processed in accordance with all applicable drawings and  
specifications. Objective evidence of compliance is on file, subject to examination upon request.

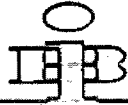
Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4  
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 08/26/16

  
QUALITY ASSURANCE REPRESENTATIVE



CUST PO NO 50 NO  
\*45577718 543595  
FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP  
POST FALLS, ID 83854



CUST PO NO 50 NO  
\*45577718 543595  
FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP  
POST FALLS, ID 83854



CUST PO NO 50 NO  
\*45577718 543595  
FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP  
POST FALLS, ID 83854

SHIP TO

AVIALL SERVICES, INC.  
AVIALL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
DFW AIRPORT TX 75261

SHIP TO

AVIALL SERVICES, INC.  
AVIALL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
DFW AIRPORT TX 75261

SHIP TO

AVIALL SERVICES, INC.  
AVIALL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
DFW AIRPORT TX 75261

CUSTOMER BILL TO ADDRESS

AVIALL SERVICES, INC.  
ATTN. AP DEPT.  
P.O. BOX 619048  
DALLAS TX 752619048

COMPLETE CUSTOMER PO NO.

\*45577718

BILL TO NO.

SHIP TO NO.

PAGE

ASI007

BUYER NAME & PHONE NO.

LANA

PACKING SLIP

INSPECT IMMEDIATELY

LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
1	02	1000	1000	90601/86753 AN4C13A	*45577718	ASI007	BOLT bx21=26
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
2		1	1	S/C MANUFACTURE CERT	*45577718	ASI007	CERTIFICATION -
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
3		1	1	USA COUNTRY OF ORIGIN	*45577718	ASI007	
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION

CERTIFICATION OF CONFORMANCE

WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE WITH AN-MS-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.

CAGE CODE 31222

DATE

QUALITY CONTROL MANAGER

*Paula E. Jones*

DATE SHIPPED SHIPPED VIA

7/15/11 CV

SIGNATURE - MERCHANDISE RECEIVED

EMARISCAL  
02/22/17

ITEM AN4C13A = 28



BATCH 7364483789



AVIALL

**MAC FASTENERS, INC.**  
**1110 ENTERPRISE**  
**OTTAWA, KANSAS 66067**

**CERTIFICATE OF CONFORMANCE  
AND  
MANUFACTURER'S AFFIDAVIT**

CUSTOMER BILD INDUSTRIES

PO: 90601

PART NUMBER: AN4C13A

REV: 3

LOT NUMBER: 86753

MANUFACTURED QUANTITY: 8,000

MILL HEAT NUMBER: G18863

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

**MERCURY FREE CERTIFICATION**

MacFasteners certifies that the parts referenced in the above lot number  
do not contain Mercury or Mercury compounds, and were  
manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC  
FASTENERS within the United States, and were processed in accordance with all applicable drawings and  
specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4  
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 11/21/16

  
QUALITY ASSURANCE REPRESENTATIVE



**AERO-GLEN**  
INTERNATIONAL LLC  
COMMITMENT | EXECUTION | RESULTS

1160 MUSTANG DR. SUITE 300  
DFW AIRPORT, TX 75261  
TEL: (817) 328-6600 FAX (972) 456-1015  
WWW.AEROGLEN.COM  
CAGE CODE 9V172  
ISO9001 / AS9100 / AS9120 REGISTERED  
PRI CERTIFICATION: 14-2127, 14-2128R

## PACKING SLIP

Print Date : Apr-11-2017 1:32 PM

Printed By: NROA Print No. : 2

**No. 099573**

Pg: 1/1


**Ship To : [1]**

AVIALL CENTRAL WAREHOUSE  
Attn: RECEIVING DEPT.  
2750 REGENT BOULEVARD  
DFW Airport, TX 75261  
UNITED STATES  
Tel. : 972-586-1994

**For : Account No. [AVIALL-DALLA]**

AVIALL  
Attn: SEDRICK CLARK  
2700 Regent Blvd  
DFW Airport, TX 75261  
UNITED STATES  
Tel. : 972-586-1994

S.O. No. : 062999	Our Ref :	Domestic AW :
Cust P.O. : 0045490104	Your Ref :	Int'l AWB :
Picked On : Apr-11-2017	Spec Inst :	Origin :
Shipped On : Apr-11-2017	Contract :	Transpor :
Ship Via : DROP OFF	Lic No. :	Nationali :
F.O.B. : DESTINATION	Expires :	Trip/Flig :
Terms : NET 30		
Our Contact : MERLE LANGTON		

Line	P/N & Description	Cn	Ordered	Qty Shipped	Back Order	Packaging
1	AN3-16A UID386260  Rev: 3 Note: BOLT: HEX HD,ST PG:50 PER LOT #: 89051 REV: 3 MFG: MAC FASTENERS CAGE CODE: 0RFT4 MATL TYPE: 8740 Country Of Origin: U.S.A.	ND1	3,000.00	3,000.00 EA	0.00	
UNLESS NOTED ON THE FACE HEREOF, ANY AND ALL MATERIALS/PARTS SUPPLIED ON THIS S.O./P.O. MAY NOT BE DFARS 252.22-7014 ALT. 1 COMPLIANT. AERO-GLEN, INTL., GRAPEVINE, TX., USA, WILL NOT BE HELD IN VIOLATION OF THE DFARS/SPECIALTY MATERIAL REQUIREMENT. THE COMMODITIES SOLD BY AERO-GLEN, INTL., MUST BE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH ALL U.S. EXPORT LAWS. ANY DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.						

ITEM AN3-16A=28



BATCH 7364526910



**BHORTON**  
04/13/17

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